

Patent
Attorney Docket No. 20.2876
(SCHL-0072)

IN THE SPECIFICATION

Please replace paragraph 0047 with the following replacement paragraph:

[0047] In accordance with one embodiment of the invention, the shallow electrode array 401 may be based on a feed back controlled spherically focused laterolog (SFL) device. The shallow electrode array 401 comprises current return electrodes A_1 and $[[A''_1]] \underline{A'_1}$, monitor electrodes M_0 , and $[[M''_0]] \underline{M'_0}$, and measurement electrode pairs M_1, M_2 and $[[M''_1]] \underline{M'_1}, [[M''_2]] \underline{M'_2}$, all symmetrically disposed on both sides of a central current electrode A_0 as shown in FIG. 2. In a preferred embodiment, all these electrodes are arranged on an insulated housing 40 that is disposed over the electronic module stack 403, which is also mass-isolated and insulated.